

Amendments to the Specification:

In paragraph [0025], line 10, please add “, OP Amp,” before “for”.

In paragraph [0025], line 11, please add ”, a voltage divider having two resistors, R_1 and R_2 , for offering an input voltage to the operational amplifier, and a reference voltage, V_{ref} , for offering a reference voltage to the operational amplifier” after “generator”.

In paragraph [0025], line 33, please add “The ballast circuit 32 further includes two bulk capacitors, C_1 and C_2 , coupled to the half-bridge circuit of the inverter 36, and a resonant capacitor, C_3 , coupled to the inductor 38 to form the resonant LC circuit.” before “Another”.